

Appl. No. 10/707,520
Amdt. dated July 12, 2006
Reply to Office action of May 30, 2006

REMARKS

Claims 1-9 and 13-23 are pending in this response. Claims 1-9 are allowable subject matters. Claims 10-12 are cancelled with prejudice. Claims 13-23 are newly added without entering any new matters.

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Claims 13-23 are newly added without entering any new matters and patentable over the prior arts made of record.

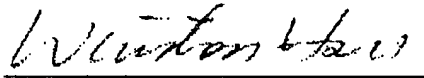
10 Claim 13 is patentable over the prior arts made of record because each of the prior arts fails to disclose a combination of the following limitations comprising: generating a mode selection signal; generating a first amplified signal by amplifying and filtering the received RF signal within a first frequency range when the mode selection signal indicates a first mode; generating a second amplified signal by amplifying and filtering the received RF signal within a second frequency range when the mode selection signal indicates to a second mode; generating a first intermediate-frequency signal according to the first amplified signal or the second amplified signal; generating a first filtered signal by filtering the first intermediate-frequency signal according to a first center frequency when the mode selection signal indicates to the first mode; generating a second filtered signal by filtering the first intermediate-frequency signal according to a second center frequency when the mode selection signal indicates to the second mode; and generating an output signal according to the first filtered signal or the second filtered signal. As claims 14-23 are dependent upon claim 13, if claim 13 is found to be allowable, so too should the dependent claims.

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Consideration of pending claims 1-9 and 13-23 is respectfully requested.

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Sincerely yours,



Date: July 12, 2006

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